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Another trans. is available from K-H \$23.75 as
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DESCRIPTORS: *Nicotine, *Blood circulation, *Skin,
*Muscles, Cats, Pharmacology, Toxicity.

It is shown that nicotine influences circulation indirectly by the stimulation of nerve structures. Probably this involves post-ganglionic sympathetic nerve fibers, adrenergic ones with a constrictive effect as well as
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HEW NIH No 3-12-66

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DESCRIPTORS: *Trees, Physiology, *Absorption,
Water, Rhythm (Biology), *Transplantation, Osmotic
pressure, Water entry.

In early spring, from mid March to the beginning of
new growth, a water displacement takes place in the
sprout axes of deciduous trees. First water is trans-
posed in radial direction outward from the wood,
whereby the water content of the bark and buds is
greatly increased. As a result, water is slowly shifted
upward within the wood substance from the lower por-
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